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% Over Moving Average Scan

Hi, I need some assistance writing a scan. I want to create a scan that includes the following;

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1. All NASDAQ and S&P 500 stocks
2. A criteria that from the previous day shows when those stocks are 10% over their 50 day simple moving average. So something that ties in the price being equal to 1.10 times the 50 day moving average.

thanks,

Jon

[moving-average](#) [moving](#) [scans](#)

asked Aug 17 '12 at 09:50

 jonbAZ
171 ● 7 ● 12

2 Answers:

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- 3
- jonbAZ for the second part of your question you can easily build that phrase in the standard scan engine. `close>50ema*1.1`. As for scanning nasdaq and sp500 in same scan I'm sure there is a way to do it, if not run the scan for each group separately and then combine the lists into one favorite list.

[link](#)

answered Aug 17 '12 at 17:16

 Windsurf
10.5k ● 1 ● 98 ● 158

Thanks very much. Is there also a way to add a market cap criteria to say companies over 20 billion in market cap?

 jonbAZ (Aug 17 '12 at 19:38)

This gets six hits after market close 8/17/12:

3

```
[[group is sp500] or [exchange is NASD]]
and [market cap > 20,000]
and [1 day ago close > 1 day ago sma(50, close) * 1.1]
and [1 day ago close < 1 day ago sma(50, close) * 1.11]
```

Note the brackets around the "or" statement. "Market cap" is an option under Ticker Properties under the scan window on the advanced scan page. The cap number is in units of a million, so "1" would be 1 million shares, 100 is a hundred million, etc. I substituted a range for your price condition because exact hits on 10% above the 50 MA are pretty unlikely.

[link](#)

answered Aug 17 '12 at 19:53

 markd
15.4k ● 15 ● 23

I can see why the range makes sense. If I want anything over 10% so a greater than or equal to clause. Can that be done here? thanks

 jonbAZ (Aug 17 '12 at 19:57)

- 1 just comment out the second line, add an "=" sign after the ">" sign in the first line.

 markd (Aug 17 '12 at 20:54)

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Asked: Aug 17 '12 at 09:50

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